



A. CLASSIFICATION OF SUBJECT MATTER									
IPC7: A47L 13/12, A47L 13/254 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)									
IPC7: A47L, G09F									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE, DK, FI, NO classes as above									
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)									
EPO-INTERNAL									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category* Citat	ion of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.						
A SE	302189 B (KüCHE UND HAUSTECH 8 July 1968 (08.07.1968), p figure 1	HNIK GMBH), profile 9 and grooves 14,							
A DE	7637585 U (C. FREUDENBERG), (12.05.1977), tools 2.1,4 a	12 May 1977 and 6, figure 1							
A US	5937471 A (JS. LIAO), 17 A (17.08.1999), figures 3, 4	ugust 1999 and text							
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A JP	200234883 A (KOWA CO LTD), 5 (05.02.2002), tools 2, 2 an	February 2002 d 4							
	ments are listed in the continuation of Bo	x C. X See patent family annex.							
	s of cited documents:	"T" later document published after the interdate and not in conflict with the applic	anon but cited to understand 1						
"E" earlier applicatio filing date	or patent but published on or after the international	"X" document of particular relevance: the c	laimed invention serves be						
"L" document which cited to establish special reason (as	may throw doubts on priority claim(s) or which is the publication date of another citation or other	step when the document is taken alone	ed to involve an inventive						
O" document referrir means	ng to an oral disclosure, use, exhibition or other	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination							
ute priority date		being obvious to a person skilled in the art  "&" document member of the same patent family							
	completion of the international search	Date of mailing of the international search report							
19 July 2004		2 2 -07- 2004							
	address of the ISA/	Authorized officer							
Swedish Patent Box 5055, S-102	Oπice 42 STOCKHOLM	Leif Vingård / MRo							
acsimile No. +4		Telephone No. + 46 8 782 25 00							

## AL SEARCH REPORT patent family members INTERNAT Information

ional application No.

30/04/2004

PCT/SE 2004/000661

	SE	302189	В	08/07/1968	AT BE CH DE DK FR GB LU NL US	242317 B 644676 A 421429 A 1240638 B 117382 B 1389795 A 1044817 A 45593 A 6401905 A 3284152 A	10/09/1965 01/07/1964 30/09/1966 18/05/1967 20/04/1970 09/06/1965 05/10/1966 05/05/1964 08/09/1964 08/11/1966
	DE	7637585	บ	12/05/1977	NONE		
	US	5937471	A	17/08/1999	NONE		
1	JP	200234883	Α	05/02/2002	NONE		